

## NCPV Hotline — Week of August 13-17, 2007

### Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader](#).

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

#### (Links may expire)

Current and archived NCPV Hotline issues <link to [http://www.nrel.gov/pv/news\\_hotline.html](http://www.nrel.gov/pv/news_hotline.html)>

Disclaimer <link to [http://www.nrel.gov/pv/hotline/news\\_hotline\\_disclaimer.html](http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html)>

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### 8-13-07 SolarMorph Contract with Applied Materials

SolarMorph has contracted with Applied Materials to assist in the construction of a solar panel manufacturing plant using large-area thin film silicon technology.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsASMA108.htm> and <http://asia.news.yahoo.com/070813/3/36ai1.html>

July 5 press on Equation Corp's acquisition of SolarMorph: <http://www.equicorp.com/press.htm>  
Equation Corp.: <http://www.equicorp.com/>

### 8-13-07 Metso Minerals Processing System to Elkem Solar

Metso Minerals will supply a minerals processing system to Elkem Solar for its processing plant in Kristiansand, Norway. Story at: <http://news.thomasnet.com/companystory/524435/rss/>

Metso: <http://www.metso.com/>

Elkem Solar: <http://www.elkem.com/solar>

### 8-13-07 More on Unitech Printed Circuit Board Solar Cell Factory

Unitech Printed Circuit Board Corp. began construction of its first solar cell factory. Story at: [http://smt.pennnet.com/display\\_article/303167/35/ARTCL/none/HMST/PCB-Maker-Enters-Solar-Cell-Production/](http://smt.pennnet.com/display_article/303167/35/ARTCL/none/HMST/PCB-Maker-Enters-Solar-Cell-Production/) or <http://tinyurl.com/yvdjeo>

### 8-13-07 Interactive Games Name Change to China Nuvo Solar Energy

Interactive Games, Inc. announced that it has fully completed its previously announced name change to China Nuvo Solar Energy, Inc. Story at: <http://biz.yahoo.com/bw/070813/20070813005177.html?.v=1>

### 8-13-07 What Solar Needs Now

See the story, "What Solar Power Needs Now" by Daniel Kammen, University of California, Berkeley, at: <http://www.renewableenergyaccess.com/rea/news/reinsider/story?id=49617> or <http://tinyurl.com/3697tg>

### 8-13-07 Extension of City of Palo Alto Renewables RFP, California

See info on the City of Palo Alto RFP seeking up to 280 GWh/year of eligible, new renewable energy resources, at The Green Power Network: <http://www.eere.energy.gov/greenpower/financial/>  
[http://www.cityofpaloalto.org/depts/asd/current\\_solicitations.asp](http://www.cityofpaloalto.org/depts/asd/current_solicitations.asp)

### 8-13-07 Comerica Bank Financing for Akeena Solar Customers

Comerica Bank will work with qualified Akeena Solar customers to finance their solar power needs. Story at: <http://biz.yahoo.com/bw/070813/20070813005294.html?.v=1>  
Akeena Solar: <http://www.akeena.net/cm/Home.html>

### **8-13-07 Solar at March Air Reserve Base, California**

For a story on March Air Reserve Base going solar, see:

[http://www.pe.com/localnews/morenovalley/stories/PE\\_News\\_Local\\_B\\_solar13.3d1c74e.html](http://www.pe.com/localnews/morenovalley/stories/PE_News_Local_B_solar13.3d1c74e.html) or

<http://tinyurl.com/2baxpm>

May press: <http://www.march.afrc.af.mil/news/story.asp?storyID=123052159>

### **8-13-07 Santa Clara University's Solar Decathlon House**

A team of more than 80 students from the SCU's School of Engineering has been working on their solar home for the past year. An open house celebration is set for 16 August.

More information at: <http://biz.yahoo.com/bw/070813/20070813005023.html?.v=1>

Solar Decathlon: <http://www.solardecathlon.org/>

Team Web site: <http://www.scusolar.org/>

Santa Clara University: <http://www.scu.edu/>

### **8-13-07 Broadcasting Company Going Green, Massachusetts**

Radio WXRV, "The River" is completing installation of a 3.7 kW PV system to power its Boston facility.

Borrego Solar Systems provided engineering and installation services for the project. Solar energy is part of the broadcast company's plan to "go green". Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=49618> or <http://tinyurl.com/22xbmy>

Borrego Solar: <http://www.borregosolar.com/>

<http://www.therivergoessolar.com/>

### **8-13-07 KACO Headquarters Staffed, California**

KACO Solar Inc. announced that their headquarters in San Francisco is now fully staffed. Press at

RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=49630> or

<http://tinyurl.com/225r6s>

KACO: <http://www.kacosolar.com/Contact.shtml>

### **8-13-07 Connecting to the Grid, IREC Newsletter [Rusty Haynes]**

IREC's August 2007 "Connecting to the Grid" newsletter is available, with coverage of state, national and international developments in net metering and interconnection standards, as well as distributed generation news, publications and events, at: <http://www.irecusa.org/index.php?id=33>

### **8-13-07 NMSU Renewables Assistance Overseas**

The Institute for Energy and the Environment, through the College of Engineering at New Mexico State University, is assisting countries overseas with stand-alone PV and wind energy systems, technology, and training. See "Renewable energy gets a big boost from NMSU"

at: [http://www.lcsun-news.com/ci\\_6609212?source=most\\_email](http://www.lcsun-news.com/ci_6609212?source=most_email)

### **8-13-07 Verde Energy Solar Video**

Verde Energy recently unveiled a video production designed to introduce solar electric systems to a mainstream audience. More at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story?id=49632> or <http://tinyurl.com/yr5d3l>

Verde Energy: <http://www.verdeenergy.com/>

Video link: [http://www.verdeenergy.com/solar\\_video.html](http://www.verdeenergy.com/solar_video.html)

### **8-13-07 CEC Workshop on Eligibility Criteria and Conditions for Solar Incentives**

The California Energy Commission Renewables Committee will conduct a workshop to receive comments on the Staff Report, "Eligibility Criteria and Conditions for Incentives for Solar Energy Systems", on 22

August at the Energy Commission. Information at: [http://www.energy.ca.gov/sb1/meetings/2007-08-](http://www.energy.ca.gov/sb1/meetings/2007-08-22_workshop/2007-08-22_workshop_notice.html)

[22\\_workshop/2007-08-22\\_workshop\\_notice.html](http://www.energy.ca.gov/sb1/meetings/2007-08-22_workshop/2007-08-22_workshop_notice.html) or <http://tinyurl.com/2ndgrl>

### **8-13-07 South Australian Solar Power Returns**

South Australian power consumers who switch to solar power will be paid double the price for any electricity they return to the national grid under legislation unveiled.

Story at: <http://www.theage.com.au/news/National/SA-consumers-to-be-paid-double-for-solar/2007/08/13/1186857384881.html> or <http://tinyurl.com/2ghwx3>

### **8-13-07 Space Solar Power**

See the story "A renaissance for space solar power?" at: <http://www.thespacereview.com/article/931/1>

### **In related solar news...**

#### **8-13-07 Deli Solar Financial Results**

Deli Solar (USA), inc., announced its results for the 2<sup>nd</sup> quarter ended 30 June 2007. Press at: <http://money.cnn.com/news/newsfeeds/articles/prnewswire/CNM01313082007-1.htm> or <http://tinyurl.com/2gqscz>

#### **8-13-07 Solar in Algeria, Europe**

According to this story, Algeria is gearing up to tap its sunshine on an industrial scale for itself and for export to Europe. See "Algeria aims to tap vast sunbelt to export solar energy to Europeans" at: <http://www.semimissourian.com/story/1246076.html>

#### **8-14-07 BioSolar's Development Efforts / Chief Technology Officer**

ioSolar, Inc.'s new website outlines the company's development effort on a comprehensive line of bioplastic films and resins for solar cell manufacturers, based on its bioplastic technology. See "BioSolar Lays Out Development Plan to Produce Unique Bio-Plastic Material to Reduce Cost of Solar Cells" at: <http://biz.yahoo.com/iw/070814/0290218.html>

BioSolar: <http://www.biosolar.com/>

See also "BioSolar Elevates Stanley B. Levy to Chief Technology Officer" at: [http://www.biosolar.com/view\\_news.php?id=10](http://www.biosolar.com/view_news.php?id=10)

#### **8-14-07 Company Results and Developments**

**Sunways** Results: Sunways AG reported 2<sup>nd</sup> quarter results.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU427.htm>

Sunways AG: <http://www.sunways.de/>

**Q-Cells** Results: Q-Cells AG presented its interim report for the first half of 2007. Press at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEU425.htm> and

<http://asia.news.yahoo.com/070814/3/36dab.html>

Q-Cells: [http://www.q-cells.com/cmadmin\\_2\\_474\\_0.html](http://www.q-cells.com/cmadmin_2_474_0.html)

**Phoenix Solar** Results: Phoenix Solar AG reported 2<sup>nd</sup> quarter results. More at Solarbuzz:

<http://www.solarbuzz.com/News/NewsEU426.htm>

Phoenix Solar: <http://www.phoenixsolar.com/>

**Canadian Solar** Results: Canadian Solar Inc. reported 2<sup>nd</sup> quarter 2007 results. Press at:

[http://biz.yahoo.com/ap/070814/canadian\\_solar\\_outlook.html?.v=1](http://biz.yahoo.com/ap/070814/canadian_solar_outlook.html?.v=1)

Canadian Solar: <http://phx.corporate-ir.net/phoenix.zhtml?c=196781&p=irol-irhome> or <http://tinyurl.com/yqtyhx>

**aleo solar** Results: aleo solar reported results. Press at:

<http://www.pressebox.de/pressemeldungen/aleo-solar-ag-/boxid-120780.html> or <http://tinyurl.com/ystae4>

aleo solar: <http://www.aleo-solar.de/en/>

**WorldWater & Solar Technologies** Results: WorldWater & Solar Technologies Corp. announced results for the 2<sup>nd</sup> quarter and 6 months ended 30 June 2007.

Press at: <http://biz.yahoo.com/pz/070813/124877.html>

WorldWater & Solar Technologies: <http://www.worldwater.com/>

#### **8-14-07 Conergy's Transformerless Inverters**

First Solar has qualified Conergy's IPG series transformerless inverter topology for use with its FS Series 2 thin film modules. A cooperative test program was conducted by an independent research institute over 2 years to validate the combination of PV system components. Conergy's new transformerless IPG series supports crystalline and thin-film modules. Press from Conergy: "Full manufacturer warranty from First Solar when using Conergy's transformer-less inverters", "Conergy's patented BMT technology increases the yield of solar systems with thin film modules by 1.5 percent", and "Balanced mode: Maximum durability with up to 1.5 percent more efficiency".

Conergy: <http://www.conergy.de/en/desktopdefault.aspx>

#### **8-14-07 Germany's "Solar Valley"**

According to the story, "German green technology forges ahead", much of Germany's industry to supply solar panels lies along the Polish border in what has become known as "Germany's 'Solar Valley.'" Press at: [http://www.lcsun-news.com/apcontent/ci\\_6412761](http://www.lcsun-news.com/apcontent/ci_6412761)

#### **8-14-07 Japan's Solar Industry – Fighting Pollution**

See the story "Japan's solar industry to battle pollution" at:

<http://www.vnunet.com/vnunet/news/2196566/pollution-boost-japan-solar> or <http://tinyurl.com/2dx9uw>

#### **8-14-07 Global Solar Exhibiting**

Global Solar Energy, Inc. will be exhibiting its full line of portable and glass solar products at the 22<sup>nd</sup> European Photovoltaic Solar Energy Conference and Exhibition in Milan, Italy.

Press at Global Solar: <http://www.globalsolar.com/>

22<sup>nd</sup> European Photovoltaic Solar Energy Conference and Exhibition: <http://www.photovoltaic-conference.com/>

#### **8-14-07 More on ARISE Technologies Solar Cell Plant in Germany**

See the story "Arise Tech to build solar cell plant in Germany" at Inside Greentech:

<http://insidegreentech.com/1601/arise-tech-to-build-solar-cell-plant-i> or <http://tinyurl.com/2w9che>

ARISE Technologies: <http://www.arisetech.com/>

August 13 story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49625>

#### **8-14-07 Microsemi Solar Inverter Power Modules**

Microsemi Corp. has developed a line of standard power modules for solar inverters in an SP3 package.

Press at: [http://www.eetasia.com/ART\\_8800475648\\_765245\\_NP\\_f2e635f0.HTM?click\\_from=RSS](http://www.eetasia.com/ART_8800475648_765245_NP_f2e635f0.HTM?click_from=RSS) or <http://tinyurl.com/2ndl7k>

Microsemi: <http://www.microsemi.com/>

#### **8-14-07 Kyocera Solar Systems for Broadband and SCADA Applications**

Kyocera Solar, Inc. and TESSCO Technologies Incorporated announced the launch of a Web-based selection method for purchasing pre-sized Kyocera solar power systems for broadband and SCADA applications.

Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=49636> or <http://tinyurl.com/2q3zx5>

Kyocera Solar: <http://www.kyocerasolar.com/>

TESSCO.com: <http://www.tessco.com/>

#### **8-14-07 Solar for Bigelow Tea**

Bigelow Tea welcomed Governor Rell to its new solar installation in Connecticut.

Story at: <http://biz.yahoo.com/iw/070814/0290105.html>

#### **8-14-07 David Hochschild on San Francisco Public Utilities Commission**

San Francisco Mayor Gavin Newsom announced that David Hochschild has joined the San Francisco Public Utilities Commission. Story at: [http://cbs5.com/local/local\\_story\\_225153435.html](http://cbs5.com/local/local_story_225153435.html)

#### **8-14-07 Electron Solar Energy Distribution Agreement**

Electron Solar Energy announced that it entered into a distribution agreement with La Casa de las Baterias based in El Dorado, Panama. Press at:

[http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news\\_view&newsId=20070814005208&newsLang=en](http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070814005208&newsLang=en) or <http://tinyurl.com/2gsyep>

Electron Solar Energy: <http://www.electronsolarenergy.com/>

La Casa de las Baterias: <http://www.casabat.com/>

#### **8-14-07 ASES Recognition**

ASES will receive a \$100,000 Recognition Award from American Express for being one of the top five finalists in The Members Project, a competition on project ideas to better the world. The "Wind and Solar for Residential" project took 3<sup>rd</sup> place.

Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=49635> or <http://tinyurl.com/3amf7t>

ASES: <http://www.ases.org/>

The Members Project: <http://www.membersproject.com/intro.htm>

#### **In related solar news...**

#### **8-14-07 Solar Millennium Growth**

During the first 8 months of the current fiscal year, Solar Millennium AG has further pursued its course of growth. Story at: <http://www.pressebox.de/pressemeldungen/solar-millennium-ag/boxid-120794.html> or <http://tinyurl.com/2k36xn>

Solar Millennium AG: [http://www.solarmillennium.com/start\\_en.php](http://www.solarmillennium.com/start_en.php)

#### **8-15-07 Solar Power Projects with Evergreen Solar Modules, Spain**

The Spanish solar market continues to expand with the addition of a new solar power plant in the town of Avila. RALOS Iberica is developing the power plant, with solar panels from Evergreen Solar. RALOS Iberica is developing two additional power-generating projects in Spain, each using Evergreen Solar panels, projected for completion in 2008. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=49657>

Evergreen Solar: <http://www.renewableenergyaccess.com/rea/partner?cid=1784>

<http://www.evergreensolar.com/app/en/home/>

#### **8-15-07 SunPower Agreements with NorSun**

SunPower Corporation announced that it has signed two agreements with NorSun AS to support its solar cell manufacturing expansion plans.

Press at: <http://money.cnn.com/news/newsfeeds/articles/prnewswire/AQW05715082007-1.htm> or <http://tinyurl.com/38c6oy>

SunPower: <http://www.sunpowercorp.com/>

NorSun: [http://www.norsuncorp.no/?sc\\_lang=en](http://www.norsuncorp.no/?sc_lang=en)

#### **8-15-07 Showa Shell Solar Cell Investment**

Showa Shell Sekiyu KK said it would invest about 15 billion yen (\$127 million) to quadruple output of solar cells that do not use silicon. Story through Solarbuzz at: <http://asia.news.yahoo.com/070815/3/36ept.html>

Also: [http://www.japancorp.net/Article.Asp?Art\\_ID=15043](http://www.japancorp.net/Article.Asp?Art_ID=15043)

Showa Shell: <http://www.showa-shell.co.jp/english/index.html>

#### **8-15-07 Solar EnerTech Expansion**

Solar EnerTech Corp. announced that it is establishing an additional facility lease contract that will lead to a rapid expansion of the company's existing production capacity by nearly 50%.

Story at: <http://biz.yahoo.com/iw/070815/0290825.html>

Solar EnerTech Corp.: <http://www.solarenertech.com/>

Taiwan-based Big Sun Energy Technology, currently with an annual cell capacity of 30 MW, has started volume production in the 3<sup>rd</sup> quarter and has plans to ramp up capacity to 90 MW by the 3<sup>rd</sup> quarter next year. Story at:

Big Sun: [http://www.bigsun-energy.com/Eng/News/news\\_more.asp?NewsID=64](http://www.bigsun-energy.com/Eng/News/news_more.asp?NewsID=64) or <http://tinyurl.com/2c9hxe>

Conergy reported increased revenue in the first half of the year. More at Solarbuzz:

Conergy Press: [http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271\\_read-8022/](http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271_read-8022/) or <http://tinyurl.com/2beug3>

Yingli Green Energy Holding Co. reported 2<sup>nd</sup> quarter results. Press at:

Yingli Solar: <http://www.yinglisolar.com/enmain/user/index.asp>

Manz Automation has received a major order with a volume of around EUR 45 million from Applied Materials. Press at: [http://www.stock-world.de/news/dgapnewsnofeed\\_493/2361381--](http://www.stock-world.de/news/dgapnewsnofeed_493/2361381--)

See the story “Potato chip bag technology enlisted for solar industry”, with coverage of Ascent Solar and other companies’ CIGS technology, at:

Ascent Solar: <http://www.ascentsolar.com/>

Solar Integrated Technologies said it has won 3 orders to provide roofing systems for about \$1.7m from Master Renovables, a Spanish engineering firm and solar integrator.

[http://www.solarintegrated.com/SIT\\_PR\\_Master\\_Renovables\\_Rodamco\\_August%2015\\_2007\\_FINAL.htm](http://www.solarintegrated.com/SIT_PR_Master_Renovables_Rodamco_August%2015_2007_FINAL.htm)  
or <http://tinyurl.com/2q7hdl>

Mitsubishi Electric has introduced its new UD5 series of 100% lead-free solder PV modules. The new 175, 180, 185, and 190 Wp panels have new features and are lighter in weight.

Mitsubishi Electric: <http://www.mitsubishielectric.com/solar>

Solaicx announced that Jeff Osorio has joined the company as chief financial officer. Story at: [Solaicx](#)

Solaicx: <http://www.solaicx.com/>

According to this article, solar cell prices are unlikely to drop in the 2<sup>nd</sup> half of the year as strong demand and low inventory levels will buoy the market. Press at:  
<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD00000000000000000000000002670&query=SOLAR> or <http://tinyurl.com/2svgal>

The State Government of South Australia has released its solar feed-in legislation under which homeowners with solar panels receive double-credit for power they feed-in to the grid.  
Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsASGO74.htm>

See the story “Got financing? Get Solar”, addressing alliances for financing solar, at Inside Greentech: <http://www.insidegreentech.com/1610/got-financing-get-solar>

Sonoma County has become one of the Bay Area's biggest solar energy hubs, drawing solar companies across the region. According to this article, the County has the 2<sup>nd</sup> largest concentration of solar projects among 10 Bay Area counties, with almost 1,300 installations. See the story "Hub of Solar Power" at: <http://www1.pressdemocrat.com/article/20070812/NEWS/708120360> or <http://tinyurl.com/2mqm8g>

SunEdison announced the opening of a new office in Ontario, California. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=49652> or <http://tinyurl.com/34wrwk>  
SunEdison: <http://www.sunedison.com/>  
SunEdison projects: <http://www.sunedison.com/dynamic/install-table.xml>

Canadian Solar Inc. announced it has opened a new office in Phoenix, Arizona as part of the company's expansion strategy. Story at: <http://biz.yahoo.com/prnews/070815/lnw101b.html?.v=1>  
Canadian Solar: <http://www.csisolar.com/>

See the editorial in the Mercury News, "Group-buying programs ease going solar" with coverage of SolarCity, at: [http://www.mercurynews.com/opinion/ci\\_6618277](http://www.mercurynews.com/opinion/ci_6618277)  
SolarCity: <http://www.solarcity.com/>

This year's conference features a new and improved Career Center, both online and at the event in Long Beach, California in September. Companies looking to fill open positions can post a job online at: <http://www.solarpowerconference.com/careers/employers/> for a \$25 fee. Job seekers can post their resumes online at no cost at: <http://www.solarpowerconference.com/careers/jobseekers/> Solar Power 2007: <http://www.solarpowerconference.com/> Press at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=49658> or <http://tinyurl.com/2jhoss>

The latest issue of EERE Network News [Kevin Eber] with coverage of ARPA-E and other topics, is available at: <http://www.eere.energy.gov/news/enn.cfm>

See the story “Part 1: A Glimpse of the Energy Future” about a future in which energy efficient homes will generate as much energy as they require. Story at RenewableEnergyAccess:  
<http://www.renewableenergyaccess.com/rea/news/story?id=49647>

#### **8-15-07 California Energy Commission Solar Bill Report, Workshop**

A new Energy Commission publication, "Eligibility Criteria and Conditions for Incentives, Senate Bill 1", is available for the August 22 workshop, at: <http://www.energy.ca.gov/sb1/meetings/>

#### **8-16-07 HelioVolt Investment**

HelioVolt Corp. has raised \$77 million in a second round of investment, which will be used to build factories. Stories at:

[http://news.com.com/Solar+expert+HelioVolt+gets+77+million/2100-11392\\_3-6202870.html](http://news.com.com/Solar+expert+HelioVolt+gets+77+million/2100-11392_3-6202870.html) or

<http://tinyurl.com/395wgl>

<http://dealbook.blogs.nytimes.com/2007/08/16/heliovolt-powers-up-with-77-million-round/> or

<http://tinyurl.com/25vcx4>

<http://www.statesman.com/business/content/business/stories/technology/08/16/0816heliovolt.html?cxtype=rss=7=3>

<http://www.statesman.com/business/content/business/stories/technology/08/16/0816heliovolt.html?cxtype=rss&cxsvc=7&cxcat=3> or <http://tinyurl.com/2dfcft>

HelioVolt: <http://www.heliovolt.net/>

#### **8-16-07 LDK Solar Wafer Supply to Chuan-Yi Investment Corp.**

8-16-07 LDK Solar signed a contract worth \$516 million to supply its solar wafers to Taiwan-based Chuan-Yi Investment Corp. over three years. Press at: <http://asia.news.yahoo.com/070816/3/36hgs.html> and

<http://money.cnn.com/news/newsfeeds/articles/prnewswire/AQTH02016082007-1.htm> or

<http://tinyurl.com/22t5xg>

LDK: <http://www.ldksolar.com/>

#### **8-16-07 XL Telecom & Energy Ltd Solar Cell and Module Manufacturing**

XL Telecom & Energy Ltd announced that the Board of Directors approved expansion of solar cell and module manufacturing.

Press at: [http://www.equitybulls.com/admin/news2006/news\\_det.asp?id=18088](http://www.equitybulls.com/admin/news2006/news_det.asp?id=18088) or

<http://tinyurl.com/2atj3n>

Related press: <http://in.news.yahoo.com/070816/137/6jili.html>

XL Telecom & Energy Ltd: <http://www.xlteleenergy.com/>

<http://www.xlteleenergy.com/solarProducts.htm>

#### **8-16-07 SunPower – SMA Supply Agreement**

SunPower Corporation has signed a long-term supply agreement with SMA Technologie AG under which SunPower will provide SMA's brand of inverters for residential and small commercial applications. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO611.htm>

SunPower: <http://www.sunpowercorp.com/>

SMA Technologie: <http://www.sma.de/>

#### **8-16-07 Solar Farms in the Czech Republic**

According to this press, more and more companies are seeking to harness the sun, leading to a boom in solar power plant construction. See "Spurred by incentives, solar farms bloom", at:

<http://www.praguepost.com/articles/2007/08/15/spurred-by-incentives-solar-farms-bloom.php> or

<http://tinyurl.com/239jrq>

#### **8-16-07 More on Canadian Solar Expansion**

Canadian Solar Inc. has opened an office in Phoenix, Arizona as part of its expansion strategy. Press at:

[http://phoenix.bizjournals.com/phoenix/stories/2007/08/13/daily33.html?jst=b\\_in\\_hl](http://phoenix.bizjournals.com/phoenix/stories/2007/08/13/daily33.html?jst=b_in_hl) or

<http://tinyurl.com/3xmelq>

Canadian Solar: <http://www.csisolar.com/>

#### **8-16-07 More on Solar EnerTech Expansion**

Solar EnerTech plans to build a 2nd solar cell manufacturing plant in Shanghai. Story at Inside Greentech: <http://insidegreentech.com/1614/solar-enertech-to-build-second-plant>  
Solar EnerTech: <http://www.solarenertech.com/>

#### **8-16-07 Solar-powered Storage Facility**

See the story "Portland's Solar-Powered, 22-Story Storage Facility" at:  
<http://gizmodo.com/gadgets/eco/portlands-solar+powered-22+story-storage-facility-289648.php> or  
<http://tinyurl.com/2le98w> and  
<http://www.metaefficient.com/archives/architecture-and-building/portland-city-storage-175000-sf-of-solar-cells.html> or <http://tinyurl.com/yoloe2>

#### **8-16-07 Solar Hydrogen**

See the story "Revolution in Solar Hydrogen on the Horizon" with coverage of research at Penn State, at:  
<http://www.newswise.com/articles/view/532486/>

#### **8-16-07 Solar Opinion Pieces**

See the article "U.S. Solar 'Power' Depends on Thin Film Technology Growth" at Seeking Alpha:  
[http://biz.yahoo.com/seekingalpha/070816/44649\\_id.html?.v=1](http://biz.yahoo.com/seekingalpha/070816/44649_id.html?.v=1) and, "Rising Solar Prices Threaten Industry: Where's the Impending Shakeout?" at:  
[http://biz.yahoo.com/seekingalpha/070816/44645\\_id.html?.v=1](http://biz.yahoo.com/seekingalpha/070816/44645_id.html?.v=1)

#### **8-16-07 Interstate Renewable Energy Council Newsletter [Jane Pulaski]**

The latest issue of IREC's State & Stakeholder Newsletter with coverage of schools going solar, connecting to the grid, incentives & rebates, national outreach, workforce development, and other news is available at: <http://www.irecusa.org/index.php?id=11>

#### **8-16-07 Near-zero-energy Homes**

See "Part 2: A Glimpse of the Energy Future", addressing energy efficient, near-zero-energy communities, at: <http://www.renewableenergyaccess.com/rea/news/story?id=49648>

#### **In related solar news...**

#### **8-16-07 Wells Fargo Equity Investment – Nevada Solar One**

Wells Fargo & company said it has made the largest equity investment in solar energy in the company's history – in Nevada Solar One, the 64-MW CSP plant southeast of Las Vegas. The transaction is the first leveraged lease structured financing for a CSP plant in the U.S.  
Press at: <http://biz.yahoo.com/prnews/070816/aqth054.html?.v=22>

#### **8-17-07 Hydro's Follow-on Investment in Ascent Solar**

Ascent Solar Technologies, Inc. announced that Hydro ASA acquired additional shares of Ascent Solar common stock and Class B warrants.  
Story at: <http://biz.yahoo.com/bw/070816/20070816005585.html?.v=1>  
Hydro: <http://www.hydro.com/>  
Ascent Solar: <http://www.ascentsolar.com/>

#### **8-17-07 Intel, Samsung Interest in Solar**

Intel Corp is actively considering making acquisitions in the solar energy sector, according to the press at:  
<http://www.iii.co.uk/news/?type=afxnews&articleid=6246926&subject=companies&action=article> or  
<http://tinyurl.com/26fmva>  
Samsung Corp. is also considering acquisitions.

Xantrex Technology Inc. announced it has received a US\$3.6 million order to supply solar inverters for the PV system at Nellis Air Force Base in Nevada. Press at RenewableEnergyaccess:  
<http://www.renewableenergyaccess.com/rea/news/story.jsessionid=C5E0C9127C091B883844A9622B98151E?id=49681> or <http://tinyurl.com/2uvzs9>  
 Xantrex: <http://www.xantrex.com/>

For Conergy's press release on their transformerless inverters, August 14,  
see: [http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271\\_read-8026/](http://www.conergy.de/en/desktopdefault.aspx/tabid-182/271_read-8026/) or <http://tinyurl.com/2z2idx>

HelioVolt closed \$77 million in Series B financing. See coverage at Inside Greentech: <http://www.insidegreentech.com/1622/heliovolt-closes-77m-in-series-b-fundi> or <http://tinyurl.com/2947p7> and RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=49683>  
HelioVolt: <http://www.heliovolt.net/>

For coverage of Solartech Energy's results, see:  
<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PB00000000000000000000000003035&query=SOLAR> or <http://tinyurl.com/37157b>  
 Solartech Energy Corp.: <http://www.solartech-energy.com/>

The Photovoltaic Materials Services Program at Navigant Consulting has just released their annual analysis of global PV markets by author Paula Mints, "Analysis of Worldwide Markets for Photovoltaic Products and Five Year Application Forecast 2006/2007 Report". The extensive report provides a detailed analysis of the global market for PV technologies and products by selling channels, application segments, module size, regional markets and countries in both industrialized and developing areas of the world, as well as 2006-2011 application forecasts, including selling channels, application details, market share, and growth rates. Press at RenewableEnergyAccess:  
<http://www.renewableenergyaccess.com/rea/partner/story.jsessionid=F8B5D1DC23C369A3735975468E402E6D?id=49676> or <http://tinyurl.com/2ny2tt>

See "just released" at:  
<http://www.navigantconsulting.com/A559B1/navigantnew.nsf/fCNTDspRead?OpenForm&Cat1=LA2&Cat2=LB3&Cat3=LC6> or <http://tinyurl.com/nblz2>

Navigant Consulting press release (pdf – cut and paste link):  
[http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PP88ECDD7A616/\\$FILE/Aug2007ReportRelease.pdf](http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PP88ECDD7A616/$FILE/Aug2007ReportRelease.pdf)

Report Brochure (pdf – cut and paste link):  
[http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PP8069C0284930/\\$FILE/AnaWorPVMar.pdf](http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PP8069C0284930/$FILE/AnaWorPVMar.pdf)

Navigant Consulting:  
<http://www.navigantconsulting.com/A559B1/navigantnew.nsf/fCNTDspHMRead?OpenForm&Cat1=LA0> or <http://tinyurl.com/864ak>

See "Stable solar cell price trend to persist throughout 2007" at DigiTimes:  
<http://www.digitimes.com/NewsShow/NewsSearch.asp?DocID=PD0000000000000000000000002703&querv=SOLAR> or <http://tinyurl.com/37fmmh>

### **8-17-07 Solar Homes, California**

Pinn Brothers Fine Homes is adopting an aggressive regional strategy to standardize solar energy into its homebuilding practices. The first community where these solar electric systems will be featured is in the City of Brentwood. Working closely with its supply partner, BP Solar, OCR will install a BP solar electric system on each home.

More a Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR850.htm>

Old Country Roofing: <http://www.oldcountryroofing.com/solar.cfm>

BP Solar: <http://www.bp.com/modularhome.do?categoryId=4320&contentId=7004540> or <http://tinyurl.com/gqfgs>

### **8-17-07 LTU Solar Decathlon Entry**

Students at Lawrence Technological University are building their house for the Solar Decathlon competition in October. When the house returns back home, it may eventually come to rest in Troy for use as a demonstration project for residents and the skilled trades.

More at: <http://www.hometownlife.com/apps/pbcs.dll/article?AID=/20070816/NEWS17/708160695> or <http://tinyurl.com/2cdlv7>

Solar Decathlon: <http://www.solardecathlon.org/>

Team Website: <http://solar.ltu.edu/>

### **8-17-07 More on Santa Clara University Solar Decathlon Entry**

Several dozen people, including business and government leaders such as Applied Materials' CEO Michael Splinter and Santa Clara County Supervisor Ken Yeager, toured the Santa Clara University Solar Decathlon house.

Story at: [http://cbs5.com/localwire/localnews/bcn/2007/08/16/n/HeadlineNews/HOUSE-SOLAR/resources\\_bcn.html](http://cbs5.com/localwire/localnews/bcn/2007/08/16/n/HeadlineNews/HOUSE-SOLAR/resources_bcn.html) or <http://tinyurl.com/37bmzp>

Solar Decathlon: <http://www.solardecathlon.org/>

Team Website: <http://www.scusolar.org/>

### **8-17-07 Sunshine Economy**

See Forbes articles as part of "The Sunshine Economy", including an introduction to the sunshine economy, seeking the light, light and heat, beyond silicon, crystal craving, sunny optimist, a trick of the light, under the spotlight-Fred Morse, and paying for panels, at: [http://www.forbes.com/2007/08/16/solar-power-entrepreneurs-tech-07egang-cz\\_ec\\_0816egang\\_land.html?partner=links](http://www.forbes.com/2007/08/16/solar-power-entrepreneurs-tech-07egang-cz_ec_0816egang_land.html?partner=links) or <http://tinyurl.com/yrs4su>

[http://www.forbes.com/2007/08/16/egang-intro-solar-tech-07egang-cx\\_ec\\_0816egangintro.html](http://www.forbes.com/2007/08/16/egang-intro-solar-tech-07egang-cx_ec_0816egangintro.html) or <http://tinyurl.com/2hwb6z>

### **8-17-07 Wonders of the Solar World**

See "In Pictures: Seven Wonders of the Solar World" at Forbes (the pictures cycle):

[http://www.forbes.com/2007/08/16/solar-innovations-inventions-tech-07egang-cx\\_ec\\_0816solar\\_slide\\_5.html?thisSpeed=15000](http://www.forbes.com/2007/08/16/solar-innovations-inventions-tech-07egang-cx_ec_0816solar_slide_5.html?thisSpeed=15000) or <http://tinyurl.com/ysasul>

### **8-17-07 Solar-powered Homes**

See "Sunning Solar-Powered Homes" at Forbes: [http://www.forbes.com/2007/08/16/solar-energy-homes-forbeslife-cx\\_mw\\_0816solarrealestate.html](http://www.forbes.com/2007/08/16/solar-energy-homes-forbeslife-cx_mw_0816solarrealestate.html) or <http://tinyurl.com/2zfwb8>

### **8-17-07 Solar Stocks**

See the story "New solar stocks power on despite fall from highs" at:

<http://asia.news.yahoo.com/070816/3/36i1w.html>

### **8-17-07 WorldWater & Solar Technologies Senior VP of Sales**

WorldWater & Solar Technologies announced that Robert P. Magyar has joined the company as Senior Vice President of Sales. Story at: <http://biz.yahoo.com/pz/070816/125140.html>

WorldWater & Solar Technologies: <http://www.worldwater.com/>

#### **8-17-07 Solar Panel Factory in East Africa**

A Chinese company has entered into an \$9 billion partnership with a Kenyan firm to build the first solar panel factory in East Africa.

Story at: <http://allafrica.com/stories/200708161064.html>

#### **8-17-07 Solar and Nanotech Topics at SPIE Optics + Photonics**

Solar energy and nanotechnology will be the main topics of numerous plenary sessions during the Optics + Photonics conference 26-30 August at the San Diego Convention Center, California.

Press at: <http://www.photonics.com/content/tradeshows/2007/August/16/88719.aspx> or <http://tinyurl.com/2wour3>

SPIE: <http://spie.org/optics-photonics.xml>

#### **8-17-07 AVS Short Course Programs, Photovoltaics**

For the AVS Short Course Program, including courses on photovoltaics, see the Rocky Mountain Chapter program at: <http://www2.avs.org/chapters/rockymtn/courses/courses.html> and national short course

program at: <http://www.avs.org/education/schedule.aspx>

AVS: <http://www.avs.org/>

#### **8-17-07 SolFest, California**

Each year, more than 10,000 people descend on Hopland for SolFest sponsored by the Solar Living Institute. More on SolFest at: <http://www.solarliving.org/display.asp?catid=17>

<http://www.solarliving.org/default.asp>

#### **8-17-07 Solar Summit El Paso, Texas**

The Solar Summit El Paso is kicking off in Texas August 18. See more on the event at:

[http://www.elpasotimes.com/news/ci\\_6644093](http://www.elpasotimes.com/news/ci_6644093)

Solar Summit El Paso: <http://www.solarsummitelpaso.com/>

#### **In Related Solar News...**

#### **8-17-07 Clean Hydrogen Producers Agreement with Grupo IBEREOLICA**

Clean Hydrogen Producers signed an agreement with Grupo IBEREOLICA outlining the planning, permitting, and appraisal of CHP's Solar Water Cracker technology in Spain and Mexico. The pre-sale agreement details terms that grant IBEREOLICA an exclusive license right to promote, install and manage solar energy plants in Spain and Mexico using the CHP Solar Water Cracker, for a period of 20 years. Story at:

[http://money.excite.com/jsp/nw/nwdt\\_ge.jsp?cat=PRRELEASE&src=105&feed=cmt&section=news&news\\_id=cmt-229p8352&date=20070817&alias=/alias/money/cm/nw](http://money.excite.com/jsp/nw/nwdt_ge.jsp?cat=PRRELEASE&src=105&feed=cmt&section=news&news_id=cmt-229p8352&date=20070817&alias=/alias/money/cm/nw) or <http://tinyurl.com/2q76dw>

Clean Hydrogen Producers Ltd.: <http://www.clean-hydrogen-producers.com/>

Grupo IBEREOLICA: <http://www.grupoibereolica.com/>

#### **8-17-07 IREC NABCEP Training**

The Interstate Renewable Energy Council is offering a web-based preparatory training for the NABCEP Solar Thermal Exam, September 5-6.

See: <https://www.regonline.com/builder/site/Default.aspx?eventid=144177> or <http://tinyurl.com/2bk7b3>

NABCEP: <http://www.nabcep.org/news.cfm?pr=88>